

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-006353**Date Inspected:** 19-Apr-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 645**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 1645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China

<b>CWI Name:</b>	N/A	<b>CWI Present:</b>	Yes	No			
<b>Inspected CWI report:</b>	Yes	No	N/A	<b>Rod Oven in Use:</b>	Yes	No	N/A
<b>Electrode to specification:</b>	Yes	No	N/A	<b>Weld Procedures Followed:</b>	Yes	No	N/A
<b>Qualified Welders:</b>	Yes	No	N/A	<b>Verified Joint Fit-up:</b>	Yes	No	N/A
<b>Approved Drawings:</b>	Yes	No	N/A	<b>Approved WPS:</b>	Yes	No	N/A
				<b>Delayed / Cancelled:</b>	Yes	No	N/A
<b>Bridge No:</b>	34-0006	<b>Component:</b>	OBG				

**Summary of Items Observed:**

On this day Caltrans OSM Quality Assurance (QA) Inspector Erik Prue was present during the times noted above for observations relative to the fabrication of the SAS Superstructure being performed by Zhenhua Port Machinery Company (ZPMC) at Changxing Island in Shanghai, China. QA Inspector observed and/or found the following:

Segment 4BW: QA Inspector received notification that segment 2AE side plates, bottom plates, deck panels, and edge plates welds and base material on outside of segment had been visually inspected by ABF and ZPMC QC personnel after blast and are ready for QA visual verification. QA Inspector performed visual verification on QC inspector inspection. QA Inspector noted indications marked for repair by ABF QC Inspectors and concur with QC findings. QA Inspector marked three (3) indications not marked by QC Inspection for repair by grinding. QA Inspector marked two (2) areas for repair by welding. Areas marked for weld repair that are unacceptable to AWS D1.5 (02) section 6.26 have been taped and documented for tracking after segment painting. QA Inspector along with ZPMC and ABF QC personnel verified areas marked for repair by grinding on outside of segment have been repaired and appear to be in compliance with the acceptance requirements of AWS D1.5 (02) and the contract documents.

Unless otherwise noted, all work observed on this date appears to be in general compliance with the applicable contract documents.

**Summary of Conversations:**

No significant conversations this day.

**Comments**

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## WELDING INSPECTION REPORT

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This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Eric Tsang, 15000422372, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Prue,Erik	Quality Assurance Inspector
<b>Reviewed By:</b>	Carreon,Albert	QA Reviewer

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